1,1,1-TRICHLOROETHANE

7. REGULATIONS AND ADVISORIES

The international, national, and state regulations and guidelines regarding 1,1,1-trichloroethane in air, water, and other media are summarized in Table 7-l.

ATSDR has derived an MRL of 2 ppm for acute inhalation exposure (14 days or less) to 1,1,1-trichloroethane, based on a LOAEL of 175 ppm for reduced performance of psychomotor tests in human volunteers in a study by Mackay et al. (1987).

ATSDR has derived an intermediate inhalation MRL of 0.7 ppm for 1,1,1-trichloroethane based on a study by Rosengren et al. (1985) which found evidence of astrogliosis (increased glial fibrillary acid protein levels) in the brains of gerbils exposed to 210 or 1,000 ppm, but not 70 ppm, of 1,1,1-trichloroethane continuously for 3 months.

Neither a reference dose nor a reference concentration for 1,1,1-trichloroethane are available at this time.

1,1,1-Trichloroethane is on the list of chemicals appearing in "The Emergency Planning and Community Right-to-Know Act of 1986" (EPCRA) (EPA 19881). Section 313 of Title III of EPCRA requires owners and operators of certain facilities that manufacture, import, process, or otherwise use the chemicals on this list to report annually their release of those chemicals to any environmental media.

OSHA requires employers of workers who are occupationally exposed to 1,1,1-trichloroethane to institute engineering controls and work practices to reduce and maintain employee exposure at or below permissible exposure limits (PEL). The employer must use engineering and work practice controls, if feasible, to reduce exposure to or below an &hour time-weighted average (TWA) of 350 ppm. Respirators must be provided and used during the time period necessary to install or implement feasible engineering and work practice controls (OSHA 1989).

1,1,1-Trichloroethane is regulated by the Clean Water Effluent Guidelines as stated in Title 40, Sections 400-475, of the Code of Federal Regulations. 1,1,1-Trichloroethane is regulated as a group of chemicals controlled as Total Toxic Organics, and has specific effluent limitations, The point

1,1,1-TRICHLOROETHANE 7. REGULATIONS AND ADVISORIES

source categories for which 1,1,1-trichloroethane is controlled as a Total Toxic Organic include electroplating and metal finishing (EPA 1981e, 1983c). The point source category for which 1,1,1-trichloroethane has specific effluent limitations is organic chemicals, plastics, and synthetic fibers (EPA 1987f, 19878).

According to the 1990 Clean Air Act Amendments and the Montreal Protocol, U.S. production of 1,1,1-trichloroethane will be cut incrementally until the proposed phase out occurs by January 1996 (EPA 1993n).

Under the Resource Conservation and Recovery Act (RCRA), 1,1,1-trichloroethane is as a hazardous waste in three categories: (1) wastes from non-specific sources; (2) wastes from specific sources; and (3) discarded commercial chemical products, off-specification species, container residues, and spill residues thereof (EPA 1980c, 1981a, 1981b).

TABLE 7-1. Regulations and Guidelines Applicable to 1,1,1-Trichloroethane

| Agency | Description | Information | References |
|----------------|---|---------------------------------------|---|
| INTERNATIONAL | | | |
| IARC | Carcinogenic classification | Group 3ª | IARC 1987 |
| NATIONAL | | | |
| Regulations: | | | |
| a. Air: EPA | Listed as hazardous air pollutant (HAP) | Yes | U.S. Congress 1990 |
| OSHA | PEL TWA | 350 ppm (1,900 mg/m³) | 29 CFR 1910.1000 (54 FR 2923) OSHA 1989 |
| EPA OAR | Definition of Volatile Organic Compound (VOC) | Yes | 40 CFR 51.100 EPA 1986f |
| | Subpart X - EPA Approval of MI's SIP: Coating Exclusion | Yes | 40 CFR 52.1170 EPA 1972a |
| | Subpart RR - EPA Approval of TN's SIP: Definition of VOC | Yes | 40 CFR 52.2222 EPA 1980d |
| | Subpart YY - EPA Approval of Wi's SIP: Partial Exemption from VOC Control Requirements | Yes | 40 CFR 52.2570 EPA 1972b |
| | Approval and Promulgation of Implementation Plan; WI (Proposed) | Yes | 40 CFR 52 (59 FR 9158) EPA 1994a |
| | Approval and Promulgation of Implementation Plans: Revision to NJ SIP (Proposed) | Yes | 40 CFR 52 (58 FR 38326) EPA 1993a |
| | Designation as a HAP | Yes | 40 CFR 61.01 (50 FR 24314) EPA 1985c |
| | NESHAP for Halogenated Solvent Cleaning (Proposed) | Yes | 40 CFR 63 (58 FR 62566) EPA 1993b |
| | NESHAP for Pulp and Paper Production (Proposed) | Yes | 40 CFR 63 (58 FR 66078) EPA 1993c |
| | HAPs: Regulations Governing Constructed, Reconstructed or Modified Major Sources (Proposed) | Yes | 40 CFR 63 (59 FR 15504) EPA 1994b |
| | Protection of Stratospheric Ozone: Baseline Production Allowances | Yes | 40 CFR 82.5 EPA 1988e |
| | Availability of Production Allowances in Addition to Baseline Production Allowances | Yes | 40 CFR 82.9 EPA 1988f |
| | App. A - Class I Controlled Substances | O ₃ depletion wt. = 0.1 | 40 CFR 82 EPA 1991f |
| | App. F - Listing of Ozone Depleting Chemicals | Yes | 40 CFR 82 EPA 1993d |

TABLE 7-1. Regulations and Guidelines Applicable to 1,1,1-Trichloroethane (continued)

| Agency | Description | Information | References |
|--------------------------|---|-------------|--|
| NATIONAL (cont.) | | | , |
| | Labelling of Products Using Ozone Depleting Chemicals: Definitions | Yes | 40 CFR 82.104 EPA 1993e |
| | Warning Statement Requirement | Yes | 40 CFR 82.106 EPA 1993f |
| | Form of Label Bearing Warning Statement | Yes | 40 CFR 82.110 EPA 1993g |
| | Labelling Supplemental Proposal (Proposed) | Yes | 40 CFR 82 (58 FR 69568) EPA 1993h |
| | Certification, Recordkeeping, and Notice Requirements | Yes | 40 CFR 82.122 EPA 1993i |
| b. Water EPA OGWDW | MCL in drinking water | 0.2 mg/L | EPA 1994c |
| EPA OW | Designation of Hazardous Substances | Yes | 40 CFR 116.4 EPA 1978a |
| · | App. D - NPDES Permit Application Testing Requirement | Yes | 40 CFR 122 EPA 1978b |
| | NPDES, Form 2D | Yes | 40 CFR 122 EPA 1983a |
| | NPDES Instruction Form 2c | Yes | 40 CFR 125 EPA 1979a |
| | Method 624 - Purgeables | Yes | 40 CFR 136 EPA 1979b |
| | Method 1624 - Volatile Organic Compounds by Isotope Dilution GC/MS | Yes | 40 CFR 136 EPA 1979c |
| | National Primary and Secondary Drinking Water Regulations: Analytical Methods - Organic Chemicals (Proposed) | Yes | 40 CFR 141 (58 FR 65622) EPA 1993j |
| | App. C - Analysis of Trichloromethanes | Yes | 40 CFR 141 EPA 1979d |
| | Registration Policies and Interpretations: Substances Determined to be Chemically Inert | Yes | 40 CFR 153.139 EPA 1988g |
| | Tolerances and Exemptions from Tolerances for Pesticide Chemicals in or on Raw Agricultural Commodities: Exemptions from Tolerances | Yes | 40 CFR 180.1001 EPA 1971a |
| | 1,1,1,-Trichloroethane - Exemption from the Requirement of a Tolerance | Yes | 40 CFR 180.1012 EPA 1971b |
| | Effluent Guidelines and Standards: Electroplating - Definition of Total Toxic Organic | >0.01 mg/L | 40 CFR 413.02 EPA 1981c |
| | Organic Chemicals, Plastics, and Synthetic Fibers - Description of Bulk Organic Chemicals Subcategory | Yes | 40 CFR 414.70 EPA 1992g |

TABLE 7-1. Regulations and Guidelines Applicable to 1,1,1-Trichloroethane (continued)

| Agency | Description | Information | References |
|-----------------------|---|--------------------|------------------------------|
| NATIONAL (cont.) | | | |
| | Organic Chemicals, Plastics, and Synthetic Fibers - Toxic Pollutant Effluent Limitation and Standards for Direct Discharge Point Sources That Do Not Use End of Pipe Biological Treatment | Yes | 40 CFR 414.91 EPA 1987g |
| | maximum for any one day maximum for monthly avg. | 54 μg/L 21 μg/L | |
| | Organic Chemicals, Plastics, and Synthetic Fibers - Toxic Pollutant Effluent Limitation and Standards for Direct Discharge Point Sources That Do Not Use End-of-Pipe Biological | | 40 CFR 414.101 EPA 1987h |
| | Treatment - maximum for any one day - maximum for monthly avg. | 59 μg/L 22 μg/L | |
| | Effluent Guidelines and Standards - Metal Finishing - Definition of Total Toxic Organic | >0.01 mg/L | 40 CFR 433.11 EPA 1983b |
| | App. A - 126 Priority Pollutants | Yes | 40 CFR 423 EPA 1982b |
| c. Food | | | |
| EPA | Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities: | Yes | HSDB 1994 |
| | No tolerances for residue listed Exempted when used in the post-harvest fumigation of citrus fruits | | |
| d. Other: EPA OERR | Reportable quantity | 1,000 pounds | 40 CFR 302.4 EPA 1988h |
| EPA OPP | Intent to Cancel, Restrict or Require Reregistration of Pesticide Products Containing 1,1,1-Trichlorethane (methyl chloroform) | No ^b | EPA 1993m |
| EPA OPTS | Specific Toxic Chemical Listings - Chemicals and Chemical Categories to Which this Subpart Applies | Yes | 40 CFR 372.65 EPA 1988i |
| | Procedures Governing Testing Consent Agreement and Test Rules: Submission of Information | Yes | 40 CFR 790.5 EPA 1985d |
| | Identification of Specif Chemical Substance and Mixture Testing Requirements: Submission of Information | Yes | 40 CFR 799.5 EPA 1988j |
| | Identifition of Specific Chemical Substance and Mixture Testing Requirements: 1,1,1-Trichloroethane | Yes | 40 CFR 799.4400 EPA 1984b |
| EPA OSW | App. I - Criteria for Classification of Solid Waste Disposal Facilities and Practices: Maximum Contaminant Levels | Yes | 40 CFR 257 EPA 1979e |

TABLE 7-1. Regulations and Guidelines Applicable to 1,1,1-Trichloroethane (continued)

| Agency | Description | Information | References |
|---------------------|--|---|----------------------------|
| NATIONAL (con | 1.) | | |
| | App. I - Criteria for Municipal Solid Waste Landfills: Constituents for Detection Monitoring | Yes | 40 CFR 258 EPA 1991g |
| | Definition of Hazardous Waste | Yes | 40 CFR 261.3 EPA 1992h |
| | Hazardous Waste from Non-specific Sources (F001, F002, F024, F025) | Yes | 40 CFR 261.31 EPA 1981a |
| | Hazardous Waste from Specific Sources (K019, K020, K028, K029, K096) | Yes | 40 CFR 261.32 EPA 1981b |
| | Listed Hazardous Waste (U226) | Yes | 40 CFR 261.33 EPA 1980c |
| | App. VII - Basis for Listing Hazardous Waste | Yes | 40 CFR 261 EPA 1981d |
| | App. VIII - Hazardous Constituents | Yes | 40 CFR 261 EPA 1980d |
| | App. IX - Wastes Excluded from Non-specific Sources | Yes | 40 CFR 261 EPA 1984a |
| | App. IX - Groundwater Monitoring List | Yes | 40 CFR 264 EPA 1987i |
| | App. VIII - Potential PICs for Determination of Exclusion of Waste-Derived Residues | Yes | 40 CFR 266 EPA 1991h |
| | LDR - Wastes to be Evaluated by August 8, 1988 | Yes | 40 CFR 268.10 EPA 1986g |
| uidelines: | Constituent Concentrations in Wastes F001 - F005 F039 K018, K019, K028, K029 K073 | 0.054 mg/L (ww) 5.6 mg/L (nonww) 0.054 mg/L (ww) 5.6 mg/L (nonww) 0.054 mg/L (ww.) 6.0 mg/L (nonww) 0.054 mg/L (ww) 6.2 mg/L (nonww) 5.6 mg/L (nonww) | 40 CFR 268.43 EPA 1988k |
| . Air: | | | |
| ACGIH | TLV TWA STEL BEI (in end-exhaled air) | 350 ppm (1,910 mg/m³) 450 ppm (2,460 mg/m³) 40 ppm | ACGIH 1992 |
| NIOSH | Ceiling (REL) | 350 ppm (1,910 mg/m³) | HSDB 1992 |
| . Water: EPA ODW | MCLG (final) Health Advisories: | 0.2 mg/L | EPA 1994c |
| | 1-day 10-day Longer-term (child) Longer term (adult) Lifetime | 100 mg/L 40 mg/L 40 mg/L 100 mg/L 0.2 mg/L | EPA 1994c |

TABLE 7-1. Regulations and Guidelines Applicable to 1,1,1-Trichloroethane (continued)

| Ag | ency | Description | Information | References |
|----|--|---|--|--------------|
| NA | TIONAL (cont.) | • | | |
| | EPA OWRS | Ambient Water Quality Criteria for Protection of Human Health: Ingesting water and organisms: Ingesting organisms only: | 1.84x10⁴ μg/L 1.03 μg/L | IRIS 1994 |
| | NAS | SNARL | 490 mg/L (24 hour) | NAS/NRC 1980 |
| C. | Other EPA | Carcinogen classification | Group D ^c | IRIS 1994 |
| ST | <u>ATE</u> | | | |
| | egulations and Guidelines: Air: | Acceptable ambient concentration | • | NATICH 1992 |
| | AZ CT FL-Ftldle FL-Pinella IN IN-Innap LA MA ME NC/Forco ND NV NY OK SD TX VA VT WA-SWEST | guidelines or standards | 2.00x10 ⁴ µg/m³ (1 hour) 1.10x10³ µg/m³ (24 hour) 3.80x10⁴ µg/m³ (8 hour) 3.80x10⁴ µg/m³ (8 hour) 3.80x10⁴ µg/m³ (8 hour) 9.16x10³ µg/m³ (8 hour) 9.16x10³ µg/m³ (8 hour) 1.90x10⁴ µg/m³ (8 hour) 1.90x10⁴ µg/m³ (8 hour) 1.90x10⁴ µg/m³ (8 hour) 1.04x10³ µg/m³ (24 hour) 1.04x10³ µg/m³ (24 hour) 1.00x10⁴ µg/m³ (24 hour) 1.00x10⁴ µg/m³ (24 hour) 1.20 mg/m³ (24 hour) 1.20 mg/m³ (24 hour) 1.245x10² mg/m³ (15 min) 1.91x10¹ mg/m³ (8 hour) 2.45x10¹ mg/m³ (1 hour) 4.52x10¹ mg/m³ (8 hour) 3.80x10⁴ µg/m³ (1 year) 1.91x10⁵ µg/m³ (24 hour) 1.91x10⁴ µg/m³ (30 min) 1.91x10⁴ µg/m³ (30 min) 1.91x10⁴ µg/m³ (30 min) 1.91x10⁴ µg/m³ (24 hour) 1.91x10⁴ µg/m³ (24 hour) 1.91x10⁴ µg/m³ (24 hour) 1.90x10⁵ µg/m³ (24 hour) 1.90x10⁵ µg/m³ (24 hour) 6.33x10³ µg/m³ (24 hour) | |
| b. | Water: | Water Quality Criteria: Human | | CELDs 1994 |
| | AL | Water and fish consumption | 200 μg/L | 02200 1007 |
| | AZ | Drinking water Fish consumption Full body contact Partial body contact | 200 μg/L 160,000 μg/L 13,000 μg/L 13,000 μg/L | |
| | CA | 30-day average - maximum | 540 mg/L 0.200 mg/L | |

TABLE 7-1. Regulations and Guidelines Applicable to 1,1,1-Trichloroethane (continued)

| Agency | Description | Information | References |
|---------------|--|--|------------|
| STATE (Cont.) | | | |
| СТ | Drinking water | 2.0 μg/L | |
| DE | Freshwater fish consumption Freshwater fish and water consumption Marine/estuarine fish/shellfish consumption | 200 mg/L 200 mg/L 28 mg/L | |
| | Drinking water | 0.20 mg/L | • |
| FL | Drinking water | 02.mg/L | |
| GA | Drinking water | 0.2 mg/L | |
| HI | Fish consumption | 340,000 μg/L | |
| IA | Drinking water | 0.20 mg/L | |
| ID | Drinking water | 0.20 mg/L | • |
| IL | Drinking water | 0.20 mg/L | |
| IN | Outside of mixing zone (4-day avg.) Point of water intake | 1,030,000 µg/L 18,400 µg/L | |
| KY | Fish consumption Domestic water supply source | 1,030,000 μg/L 18.4 mg/L | |
| LA | Drinking water Non-drinking water | 200 μg/L 31.34 mg/L | |
| MA | Drinking water | 0.20 mg/L | |
| MN | . Drinking water | 0.20 mg/L | |
| МО | Drinking water Drinking water supply | 0.20 mg/L 200 μg/L | |
| MT | Drinking water | 0.20 mg/L | |
| NC | Drinking water | 020 mg/L | |
| ND | Drinking water | 0.20 mg/L | |
| NE | Maximum contaminant levels | 0.2 mg/L | |
| NM | Drinking water | 0.20 mg/L | |
| ОН | Drinking water Outside mixing zone (max.) 30-day avg. Human Health (30-day avg.) Inside mixing zone (max.) | 0.20 mg/L 2,000 µg/L 88 µg/L 1,030,000 µg/L 3,900 µg/L | |
| ок | Drinking water | 0.20 mg/L | · |
| OR | Fish and water consumption Fish consumption | 18.4 mg/L 1.03 g/L | |
| PR | Drinking water | 0.20 mg/L | |
| RI | Drinking water | 0.20 mg/L | |
| sc | Drinking water | 0.20 mg/L | |
| SD | Domestic water All other uses | 200 μg/L 1,030,000 μg/L | |

TABLE 7-1. Regulations and Guidelines Applicable to 1,1,1-Trichloroethane (continued)

| gency | Description | Information | References |
|--------------|---|--|-------------|
| TATE (Cont.) | | | |
| TN | . Domestic raw water supply | 200 μg/L | |
| TX | Drinking water | 200 μg/L | |
| UT | Drinking water | 0.2 mg/L | • |
| VA | Drinking water | 0.2 mg/L | |
| VT | Class A or B waters | 18.4 mg/L | • |
| | Class C waters | 1.03 g/L | ' |
| WI | Drinking water | 0.20 mg/L | |
| | Maximum contaminant levels | 0.2 mg/L | |
| | Public water supplies: | 0.2 mg/L | |
| | warm water sport fish communities | 0.2 mg/L | |
| | - coldwater communities | 0.2 mg/L | |
| | - Great Lakes communities | 0.2 mg/L | |
| | Non-public water supplies: | · J · = | |
| | - warm water sport fish communities | 33 mg/L | |
| | - cold water sport fish communities | 11 mg/L | |
| | - Great Lakes communities | 200 mg/L | |
| wv | Drinking water | 0.20 mg/L | |
| • | Water Quality Criteria: Aquatic Life | | CELDs 1994 |
| AZ | Acute - cold water fishery | 2,600 µg/L | |
| · — | Acute - warm water fishery | 2,600 μg/L | |
| | Acute - effluent dominated water | . • | |
| | | 2,600 μg/L | |
| | Chronic - cold water fishery | 1,600 μg/L | |
| | Chronic - warm water fishery Chronic - effluent dominated water | 1,600 μg/L 1,600 μg/L | |
| НІ | Acute - freshwater | 6,000 μg/L | |
| | Acute - saltwater | 10,400 μg/L | • |
| LA . | Acute - freshwater | 5,280 μg/L | |
| | Acute - marine | 3,120 μg/L | |
| | Chronic - freshwater | 2,640 μg/L | |
| | Chronic - marine | 1,560 μg/L | |
| NJ | Freshwater | 18,000 μg/L | |
| | Saltwater | 31,200 μg/L | |
| ОН | Outside mixing zone, maximum | 2,000 μg/L | |
| | Outside mixing zone, 30-day avg. | 88 μg/L | |
| | Outside mixing zone, human health | 1,030,000 μg/L | |
| | Inside mixing zone | 3,900 μg/L | |
| OR | Acute - marine | 312,000 μg/L | |
| | Water Quality Criteria: Recreational Uses | - · - · - · - · - · · · · · · · · · · · | CEL De 1004 |
| TNI | Water Quality Official. Necreational oses | 170 000~" | CELDs 1994 |
| TN | Oroundustas Quality Standard | 170,000 μg/L | OELD- 4004 |
| 47 | Groundwater Quality Standards | | CELDs 1994 |
| AZ | | 0.2 mg/L | , |
| CO | • | 200 μg/L | |
| МО | | 200 μ g/L | |

TABLE 7-1. Regulations and Guidelines Applicable to 1,1,1-Trichloroethane (continued)

| Agency | Description | Information | References |
|---------------|---|-----------------------------|--|
| STATE (Cont.) | | | TANKS TO SECURITY OF THE PROPERTY OF THE PROPE |
| NC | | 0.2 mg/L | |
| NM | | 0.06 mg/L | |
| ок | | 0.3 mg/L | |
| OR | | 0.2 mg/L | |
| UT | | 0.2 mg/L | |
| WI | Enforcement Standard Preventive Action | 200 μg/L 40 μ g/L | |
| | Groundwater Quality Monitoring Parameters | | CELDs 1994 |
| AL | | Yes | |
| СО | | Yes | |
| IL | | Yes | |
| KY | | Yes | |
| LA | | Yes | |
| MN | | Yes | |
| NY | | Yes | |
| sc | | Yes | |
| TN. | | Yes | |
| TX | | Yes | |
| VA | | Yes | |
| Wi | · | Yes | |
| wv | | Yes | |
| | Discharge Limits | | CELDs 1994 |
| NJ | NPDES permits: testing requirements for organic toxic pollutant | Yes | |
| SD | Surface water discharge permit application requirements: Test requirements for organic toxic pollutants | Yes | |
| WI | Maximum allowable concentration = BAT effluent | Yes | |
| Other | | | CELDs 1994 |
| | Hazardous Waste Toxicity Characteristics | | |
| TX | Maximum Leachable Concentration | 300 mg/L | |
| | Hazardous Waste Constituents | | CELDs 1994 |
| AL | | Yes | |
| CA ' | | Yes | • |
| СО | | Yes | |

TABLE 7-1. Regulations and Guidelines Applicable to 1,1,1-Trichloroethane (continued)

| Agency | Description | Information | References |
|---------------|-------------|-------------|------------|
| STATE (Cont.) | | | |
| GA | | Yes | |
| IL | | Yes | |
| KY | | Yes | |
| LA | | Yes | |
| MA | | Yes | |
| MD | | Yes | • |
| MN | | Yes | |
| MT | | Yes | |
| ND | | Yes | |
| NE | | Yes | |
| NH | | Yes | |
| NY | | Yes | |
| ОН | | Yes | • |
| sc | | Yes | |
| SD | | Yes | |
| VA | | Yes | |
| VT | | Yes | |
| WI | | Yes | |
| wv | | Yes | |
| | | | |

^{*}Group 3: Not classifiable as to carcinogenicity in humans.

ACGIH = American Conference of Governmental Industrial Hygienists; BAT = Best Available Technology; BEI = Biological Exposure Index; EPA = Environmental Protection Agency; GC/MS = Gas Chromatogram/Mass Spectrometry; IARC = International Agency for Research on Cancer; LDR = Land Disposal Restrictions; MCL = Maximum Contaminant Level; MCLG = Maximum Contaminant Level Goal; NIOSH = National Institute for Occupational Safety and Health; NPDES = National Pollutant Discharge Elimination System; ODW = Office of Drinking Water; OERR = Office of Emergency and Remedial Response; OGWDW = Office of Groundwater and Drinking Water; OPP = Office of Pesticides Program; OSHA = Occupational Safety and Health Administration; OSW = Office of Solid Waste; OTS = Office of Toxic Substances; OWRS = Office of Water Regulations and Standards; PEL = Permissible Exposure Level; PIC = Products of Incomplete Combustion; REL = Recommended Exposure Level; SIP = State Implementation Plan; SNARL = Suggested No Adverse Response Level; STEL = Short-term Exposure Limit; TLV = Threshold Limit Value; TWA = Time-Weighted Average; ww = wastewater; nonww = non-wastewater

^bThe current Status of Pesticides in Reregistration and Special Review, March 1992 declares reregistration of products containing methyl chloroform is unsupported.

^cGroup D: Not classifiable as to carcinogenicity in humans.